

PPSBW – Ponderosa Pine / Smooth Brome Semi-natural Woodland (Map Unit 9)



Photo credit: Jim Von Loh



Photo credit: Jim Von Loh

The Ponderosa Pine / Smooth Brome Semi-natural Woodland (PPSBW, Map Unit 9) represents the *Pinus ponderosa* / *Bromus inermis* (Ponderosa Pine / Smooth Brome) Semi-natural Woodland Association.

This map unit consists of native grasslands, formerly converted to exotic pasture grasses, predominantly *Bromus inermis*, that are being invaded by young *Pinus ponderosa* trees. The young trees occupy the pasture area adjacent to established woodland and forest stands, as an extension of those stands on slopes of approximately 5%. Stands of young ponderosa pine trees grow on all aspects at elevations around 8500 feet. The most extensive young tree stands occur north of the Boulder Creek drainage and west of the Hornbek Homestead.

PPSBW – Ponderosa Pine / Smooth Brome Semi-natural Woodland (Map Unit 9) Continued

Photo Signatures

In the natural color aerial photography, the trees of PPSBW appear as small dark green dots with a coarse texture. The background grasses appear as light green with a smooth texture. The trees form a random pattern of fairly evenly dispersed dots. The canopy is approximately 20% closed and the tree heights are 2-5 meters. These areas were disturbed historically to seed the smooth brome pasture, and it is also possible that some site leveling occurred. Photo PPSBW-1 was taken in August 1995.

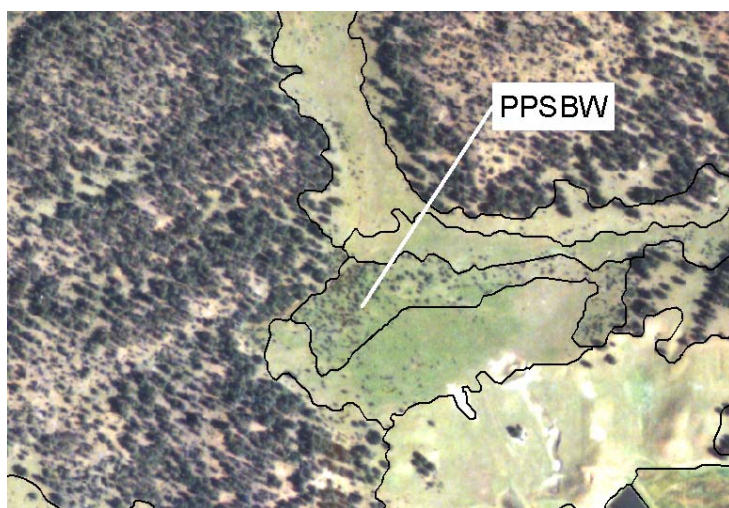
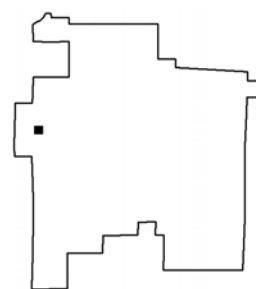


Photo PPSBW-1



Location of **PPSBW-1** within
National Monument

Area Report for PPSBW Map Unit

Number of Polygons: 2
Number of Hectares: 3.5
Number of Acres: 8.6
Average Size: 1.8 hectares, 4.3 acres

Accuracy Assessment Results for PPSBW Map Unit

The Ponderosa Pine / Smooth Brome Semi-natural Woodland Map Unit was assessed at 67% for producers' accuracy and at 100% users' accuracy.